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Sheet 1 of 4

Complete if Known				
Application Number	09/916,249	_		
Filing Date	July 30, 2001			
First Named inventor	Jeffrey Mark Siskind			
Group Art Unit	Not Yet Assigned			
Examiner Name	Not Yet Assigned			
Attorney Docket Number	NECI1092			

	U.S. PATENT DOCUMENTS							
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/916,249	j
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First Named Inventor	Jeffrey Mark Siskind : TECE	IIVFD
Group Art Unit	Not Yet Assigned	ין יו
Examiner Name	Not Yet Assigned JUN 1	2004
Attorney Docket Number	NEC11092	1 2004

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		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
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Mill	AA	Abe, N. et al., "A Plot Understanding System on Reference to Both Image and Language," Proceedings of the Seventh International Joint Conference on Artificial Intelligence, Vancouver, Canada, pp. 77-84, August 1981.	
AE		Abe, N. et al., "A Learning of Object Structures by Verbalism," COLING 82, pp. 1-6, 1982.	
	AC	Adler, M.R., "Computer Interpretation of Peanuts Cartoons," 5th International Joint Conference on Artificial Intelligence, Cambridge, MA, pp.608, August 1977.	
	AD	Allen, J.F., "Maintaining Knowledge About Temporal Intervals," Communications of the ACM, Volume 26, Number 11, pp. 832-843, November 1983.	
	AE	Blum, M. et al., "A Stability Test for Configurations of Blocks," Artificial Intelligence Memo No. 188, Massachusetts Institute of Technology, February 1970.	
	AF	Bobick, A.F. et al., "Action Recognition Using Probabilistic Parsing," Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition, pp. 196-202, June 1998.	
	AG	Borchardt, G.C., "A Computer Model for the Representation and Identification of Physical Events," Masters Thesis, University of Kansas, May 1984.	
	АН	Borchardt, G.C., "Events Calculus," Proceedings of the Ninth International Joint Conference on Artificial Intelligence, pp. 524-527, August 1985.	
	AI	Brand, M. et al., "Sensible Scenes: Visual Understanding of Complex Structures Through Causal Analysis," Proceedings of the Eleventh National Conference on Artificial Intelligence, pp. 588-593, 1993.	
	A)	Fahlman, S.E., "A Planning System for Robot Construction Tasks," Artificial Intelligence, Volume 5, Number 1, pp. 1-49, 1974.	
N. N.	AK	Krifka, M., "Thematic Relations as Links Between Nominal Reference and Temporal Constitution." Lexical Matters, Sag, I.A. (eds.), pp.29-53, 1992.	

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Application Number	09/916,249	1
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First Named Inventor	Jeffrey Mark Siskind RECE	
Group Art Unit	Not Yet Assigned	ע∟עין
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AL	Mann, R. et al., "Towards the Computational Perception on Action," Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition, Santa Barbara, CA, pp. 794-799, 1998.		
AM	Mann, R. et al., "The Computational Perception of Scene Dynamics," Computer Vision and Image Understanding, Volume 65, Number 2, pp. 113-128, February 1997.		
AN	McCarthy, J., "Circumscription - A Form of Non-Monotonic Reasoning," Artificial Intelligence, Volume 13, pp. 27-39, 1980.		
AO	Okada, N., "SUPP: Understanding Moving Picture Patterns Based on Linguistic Knowledge," Proceedings of the Sixth International Joint Conference on Artificial Intelligence, Tokyo, Japan, pp. 690-692, August 1979.		
ΑP	Regier, T.P., "The Acquisition of Lexical Seminatics for Spatial Terms: A Connectionist Model of Perceptual Categorization," Ph.D. Thesis, University of California, Berkeley, 1992.		
AQ	Shoham, Y., "Temporal Logics in Al: Semantical and Ontological Considerations," Artificial Intelligence, Volume 33, pp. 89-104, 1987.		
AR	Siskind, J.M., "Naive Physics, Event Perception, Lexical Semanics, and Language Acquisition," Ph.D. Thesis, Massachusetts Institute of Technology, 1992.		
AS.	Siskind, J.M., "Axiomatic Support for Event Perception," Proceedings of the AAAI-94 Workshop on the Integration of Natural Language and Vision Processing, Seattle, WA, pp. 153-160, August 1994.		
ΑТ	Siskind, J.M., "Grounding Language in Perception," Artificial Intelligence Review, Volume 8, pp. 371-391, December 1994.		
ΑU	Siskind, J.M., "Unsupervised Learning of Visually-Observed Events," AAAI Fall Symposium Series on Learning Complex Behaviors in Adaptive Intelligent Systems, pp. 82-83, 1996.		
AV	Siskind, J.M., "Visual Event Perception", Proceedings of the 9th NEC Research Symposium, Princeton, NJ, March 1999.		
	AN AO AP AS AT	Include name of the author (in CAPITAL LETTERS), tille of the article (when appropriate), little of the litem (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. Mann, R. et al., "Towards the Computational Perception on Action." Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition, Santa Barbara, CA, pp. 794-799, 1998. Mann, R. et al., "The Computational Perception of Scene Dynamics," Computer Vision and Image Understanding, Volume 65, Number 2, pp. 113-128, February 1997. McCarthy, J., "Circumscription - A Form of Non-Monotonic Reasoning," Artificial Intelligence, Volume 13, pp. 27-39, 1980. McCarthy, J., "Circumscription - A Form of Non-Monotonic Reasoning," Artificial Intelligence, Volume 13, pp. 27-39, 1980. Ckada, N., "SUPP: Understanding Moving Picture Patterns Based on Linguistic Knowledge," Proceedings of the Sixth International Joint Conference on Artificial Intelligence, Tokyo, Japan, pp. 690-692, August 1979. Regier, T.P., "The Acquisition of Lexical Seminatics for Spatial Terms: A Connectionist Model of Perceptual Categorization," Ph.D. Thesis, University of California, Berkeley, 1992. Shoham, Y., "Temporal Logics in Al: Semantical and Ontological Considerations," Artificial Intelligence, Volume 33, pp. 89-104, 1987. Siskind, J.M., "Naive Physics, Event Perception, Lexical Semanics, and Language Acquisition," Ph.D. Thesis, Massachusetts Institute of Technology, 1992. Siskind, J.M., "Axiomatic Support for Event Perception," Proceedings of the AAAI-94 Workshop on the Integration of Natural Language and Vision Processing, Seattle, WA, pp. 153-160, August 1994. Siskind, J.M., "Grounding Language in Perception," Artificial Intelligence Review, Volume 8, pp. 371-391, December 1994. Siskind, J.M., "Unsupervised Learning of Visually-Observed Events," AAAI Fall Symposium, Princeton, NJ, March 1999.	Cite No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, sorfal, symposium, catalog, act.), date, page(s), volume-issue number(s), publisher, city and/or country whare published. AL Mann, R. et al., "Towards the Computational Perception on Action," Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition, Santa Barbara, CA, pp. 794-799, 1998. AM Mann, R. et al., "The Computational Perception of Scene Dynamics," Computer Vision and Image Understanding, Volume 55, Number 2, pp. 113-128, February 1997. AN McCarthy, J., "Circumscription - A Form of Non-Monotonic Reasoning," Artificial Intelligence, Volume 13, pp. 27-39, 1980. AO Chada, N., "SUPP: Understanding Moving Picture Patterns Based on Linguistic Knowledge," Proceedings of the Sixth International Joint Conference on Artificial Intelligence, Tokyo, Japan, pp. 690-692, August 1979. AP Regier, T.P., "The Acquisition of Lexical Seminatics for Spatial Terms: A Connectionist Model of Perceptual Categorization," Ph.D. Thesis, University of California, Berkeley, 1992. AQ Shoham, Y., "Temporal Logics in Al: Semantical and Ontological Considerations," Artificial Intelligence, Volume 33, pp. 89-104, 1987. AS Siskind, J.M., "Naive Physics, Event Perception, Lexical Semanics, and Language Acquisition," Ph.D. Thesis, Massachusetts Institute of Technology, 1992. AS Siskind, J.M., "Naive Physics, Event Perception," Proceedings of the AAAI-94 Workshop on the Integration of Natural Language and Vision Processing, Seattle, WA, pp. 153-160, August 1994. AS Siskind, J.M., "Grounding Language in Perception," Artificial Intelligence Review, Volume 8, pp. 371-391, December 1994. Siskind, J.M., "Visual Event Perception", Proceedings of the 9th NEC Research Symposium, Princeton, NJ, March 1999.

Examiner Signature Date Considered 9/8/44

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7	Substitute for form 1449B/PTO	Application Number	09/916,249	1
١	INFORMATION DISCLOSURE	Filing Date	July 30, 2001	4
ı	STATEMENT BY APPLICANT	First Named Inventor	Jeffrey Mark Siskind	∤/⊏ r
1	STATEMENT BY APPLICANT	Group Art Unit	Not Yet Assigned	$h \sqsubset r$
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ŀ	of 4	Attorney Docket Number	NECI1092 JUN 1 4	J 2004

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le.N.	AW	Siskind, J.M., "Visual Event Classification via Force Dynamics," Proceedings of the Seventeenth National Conference on Artificial Intelligence, August 2000.		
	AX	Siskind, J.M. et al., "A Maximum-Likelihood Approach to Visual Event Classification," Proceedings of the 4th European Conference on Computer Vision, Cambridge, UK, pp. 347-360, April 1996.		
	AY	Starner, T.E., "Visual Recognition of American Sign Language Using Hidden Markov Models," Masters Thesis, Massachusetts Institute of Technology, February 1995.		
-	ΑZ	Talmy, L., "Force Dynamics in Language and Cognition," Cognitive Science, Volume 12, pp. 49-100, 1988.		
	ВА	Thibadeau, R., "Artificial Perception of Actions," Cognitive Science, Volume 10, Number 2, pp. 117-149, 1986.		
	вв	Tsuji, S. et al., "Understanding a Simple Cartoon Film by a Computer Vision System," Proceedings of the 5th International Joint Conference on Artificial Intelligence, Cambridge MA, pp. 609-610, August 1977.		
	ВС	Tsuji, S. et al., "Three Dimensional Movement Analysis of Dynamic Line Images," Proceedings of the Sixth International Joint Conference on Artificial Intelligence, Tokyo, Japan, pp. 896-901, August 1979.		
	BD	Tsuji, S. et al., "Tracking and Segmentation of Moving Objects in Dynamic Line Images," IEEE Transactions on Pattern Analysis and Machine Intelligence, Volume 2, Number 6, pp. 516-522, 1980.		
	BE	Waltz, D.L., "Toward a Detailed Model of Processing for Language Describing the Physical World," Proceedings of the Seventh International Joint Conference on Artificial Intelligence, Vancouver, Canada, pp. 1-6, August 1981.	-	
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